

REMARKS

Claims 1, 7, 8, 13 and 16 are changed by this amendment. No claims are added or deleted by this amendment. 16 claims remain pending in this application.

Reconsideration of this application is respectfully requested.

Rejection of claims 1-16 under U.S.C. §103 as being unpatentable over U.S. patent 6,104,721 issued to Hsu (hereafter, Hsu) in view of U.S. patent 5,519,689 issued to Kim (hereafter, Kim)

Claims 1, 7, and 13 are changed to read "processing resources of a host processor". These changes are supported in applicants' detailed description at page 5, line 29 to page 6, line 12, which read as follows:

Each network terminal 101 and 103 preferably comprises a data communication device (DCD) 104, preferably a variable complexity multimedia communication device (MCD), implemented on a processor. MCD 104 is used to transfer data among each of the multiple network terminals 101, 103 over communication channel 102. MCD 104 typically operates in a full-duplex mode, such that MCD 104 may transmit data and receive data at the same time.

In the illustrated embodiment, the processor comprises a central processing unit (CPU) of a data terminal equipment (DTE), such as a handheld communication device, personal computer, workstation, mainframe computer; however, in the alternative, the processor might comprise a digital signal processor (DSP) of a multi-channel modem, or any other device providing processor resources. MCD 104 shares the processor resources with other applications, such as applications of other MCD's also implemented on the same processor or user DTE applications 108, and dynamically allocates processor resources as described below.

Claims 1, 7, and 13 are further changed to read: "...the communication device comprises a plurality of data transfer-related operations and at least one non-data transfer operation", and "...allocation of the amount of processing resources between the plurality of data transfer-related operations and the at least one non-data transfer operation." These changes are supported in applicants' detailed description at page 11, lines 11-15: "The benefit of such an arrangement is that in

an environment where MCD 104 shares host processor 201 with other applications (e.g., shares host processor 201 with other MCD's or with non-MCD applications, such as DTE user applications 108), host processor's 201 resource will be optimally utilized."

As changed, amended claims 1, 7, and 13 more clearly describe significant differences between Applicants' claimed invention and Hsu, because Hsu clearly describes a technique of resource management used for a plurality of signal processors. Because of these differences, all limitations of applicants' amended claims are not taught or suggested by the combination of Hsu and Kim and thus prima facie obviousness cannot be established.

For this reason, Applicants believe that the Examiner's rejection is overcome and that claims 1, 7, and 13 are patentable over the combination of Hsu and Kim.

Inasmuch as dependent claims 2-6, 8-12, and 14-16, are dependent on one of independent claims 1, 7, and 13, applicants believe that amended claims 1-16 are patentable over the combination of Hsu and Kim, and further believe that claims 1-16 are patentable over any of the art cited in this case, either singly or in combination.

The Applicants believe that the subject application, as amended, is in condition for allowance. Such action is earnestly solicited by the Applicants.

In the event that the Examiner deems the present application non-allowable, it is requested that the Examiner telephone the Applicant's attorney or agent at the number indicated below so that the prosecution of the present case may be advanced by the clarification of any continuing rejection.

Applicant notes that any amendments made herein and not substantively discussed above are made solely for the purposes of more clearly and particularly describing and claiming the invention, and not for purposes of overcoming art or narrowing the claim. The Examiner should infer no (i) adoption of a position with respect to patentability, (ii) change in the Applicant's position with respect to any

claim or subject matter of the invention, or (iii) acquiescence in any way to any position taken by the Examiner, based on such amendments or cancellations not substantively discussed. Furthermore, any remarks made herein with respect to a given claim or amendment are intended only in the context of that specific claim or amendment, and should not be applied to other claims, amendments, or aspects of Applicant's invention.

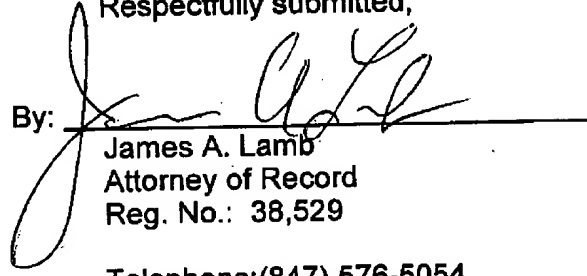
Applicant specifically reserves the right to prosecute claims of differing and broader scope than those presented herein, in a continuation application.

Accordingly, this application is believed to be in proper form for allowance and an early notice of allowance is respectfully requested.

Please charge any fees associated herewith, including extension of time fees, to 502117, Motorola, Inc.

SEND CORRESPONDENCE TO:

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